

PV-Pix: bill of materials

Part	Quantity	Supplier
FTO glass TEC 15A 2.1 mm x 30 mm x 30 mm	3	XOP FÍSICA SL
Ti Nanooxide T/SP	50 g	Solaronix
Platisol T	20 ml	Solaronix
Iodolyte Z-50	20 ml	Solaronix
Meltonix 1170-60	30 cm x 20 cm	Solaronix
Screen MCI 245 mesh 43-80, 45 deg, 13m EXP	1	MCI Precision Screen

Parts for DSSC Fabrication

Part	Quantity	Supplier
RS PRO 16 Teeth Mitre Gear, 0.5mm Pitch, 20° Angle, 3mm Bore RS Stock No. 182-7986	16	RS Components
Hitec HS40 Servo	8	modelshopleeds.co.uk
3mm Plain Miniature Ball Bearing 10mm O.D 618-9884	8	RS Components
Burgundy acrylic 5 mm thick & 3 mm thick	-	sheetplastics.co.uk
MSP-EXP430F5529LP	2	Digikey

Parts for PVPix Construction

Part	Quantity	Supplier
SG90 Servo motor	1	PI Hut
Burgundy acrylic 5 mm thick & 3 mm thick	-	sheetplastics.co.uk
Arduino UNO	1	PI Hut
OPV Tape	1	infinitypv.com

Parts for FabricOn Construction

PV-Pix was designed by:



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Swansea
University

specific®

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